

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
9034	4 EA	(SIDE OF POLE MT) 12" 1-WAY, 1-SECTION SIGNAL (ALUMINUM) - BLACK FACE
9068	0 EA	2 CIRCUIT FLASHER
9076	2 EA	CABINET "G" TYPE POLE MT
9089	45.5 SF	FLAT SHEET ALUM SIGN-YELLOW, ORANGE, & SILVER (SF) 2 EACH S1-1 "SCHOOL CROSSING AHEAD" (30"x 42") POLE MOUNTED 4 EACH S1-1 "SCHOOL CROSSING" (30" X 30") WITH M6-1 "ARROWS" 3 GROUND MOUNT AND 1 POLE MOUNTED
9095	2 EA	PEDESTAL POLE 14' W/ T-BASE AND ANCHOR BOLTS

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
2001	1 CY	TEST PIT EXCAVATION
5005	20 LF	HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LETTER
8001	1.4 CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
8019	2 EA	INSTALL CONTROLLER AND CABINET - POLE MOUNT
8024	140 LF	FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8030	30 LF	FURNISH AND INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8033	2 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8034	2 EA	FURNISH AND INSTALL GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH
8044	70 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO 14 AWG)
8047	120 LF	FURNISH AND INSTALL ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG-- THHN/THWN
8048	30 LF	FURNISH AND INSTALL NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8050	52 LF	FURNISH AND INSTALL WOOD SIGN SUPPORTS 4 INCH X 4 INCH
8052	45.5 SF	INSTALL GROUND MOUNTED SIGN
8054	2 EA	INSTALL BREAKAWAY BASE SUPPORT SYSTEM FOR SIGNAL STRUCTURE
8061	2 EA	INSTALL CONDUIT BEND IN EXISTING BASE
8069	2 EA	FURNISH AND INSTALL PHOTOCELL
8102	2 EA	NEG - APPROVED - FURNISH AND INSTALL METERED SERVICE PEDESTAL

PROJECT DESCRIPTION

I. GENERAL

This project involves the installation of two School Hazard Identification Beacon north and south of the intersection of MD 2 and Hammonds Ln./ Walton Ave. in Anne Arundel County.

MD 2 is assumed to run in a north-south direction.

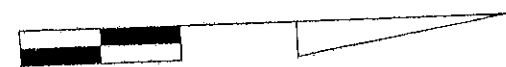
II. INTERSECTION OPERATION

The Hazard Identification Beacons shall operate in an alternating flash mode during school hours.

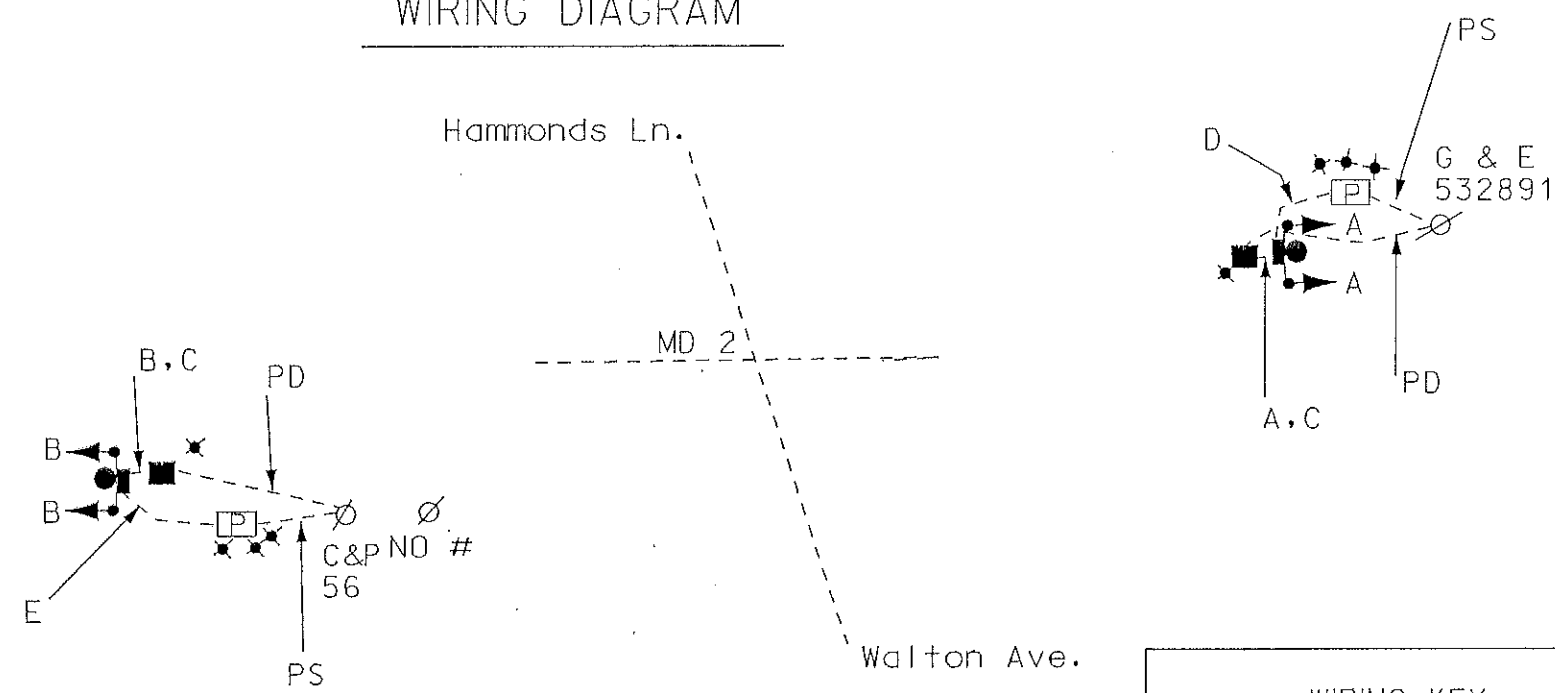
A NEMA controller, 2-circuit flasher unit, and phone drop equipment and harnesses housed in a type 'G' pole-mounted cabinet.

III. SPECIAL NOTES

Upon completion of this project, the contractor shall notify Mr. Snyder of the SHA at 410-787-7631 to arrange for the phone drop-line installation. The contractor is to provide Mr. Snyder with the nearest address, zip code, and phone number.



WIRING DIAGRAM



WIRING KEY

- A - 5 - CONDUCTOR (NO.14 AWG)
- B - ELECTRICAL CABLE
- C - NO.6 AWG STRANDED BARE COPPER GROUND WIRE.
- D - 1 - CONDUCTOR (NO.8 AWG)
- E - THHN/THWN
- PD - PROPOSED PHONE DROP
- PS - PROPOSED SERVICE TO BE SUPPLIED BY BG&E



REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 2 AND HAMMONDS LN./ WALTON AVE.

DRAWN BY: EMM	F.A.P. NO. AC-STPG-000S(686)E	TS NO. 796B	SHEET NO. 2 OF 2
CHECKED BY: RZZ	S.H.A. NO. 0068451157		
SCALE: 9/26/00	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. E 168	
DATE: NONE	LOG MILE: 02000240.11		